

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

This past week, field activities progressed at a good pace due to good working conditions. The Northeast and Eastern Districts reported thunderstorms, hail and high winds, leaving some fields severely damaged. Herbicide carryover problems in both corn and soybeans are becoming evident. Last week farmers were cultivating corn, applying fertilizers, mowing roadsides, baling hay, spraying for insects, and replanting corn and soybeans. Alfalfa weevils continue to damage the hay crop Statewide. The Northern Districts are reporting the weevil moving into grasses and soybean fields. Farmers are still reporting problems with armyworms and bean leaf beetles. Insects and wet weather are reported to be the cause of much of the spotty stands in corn and soybeans. There was an average of 5.0 days rated as suitable for field work during the week of June 3 through June 9.

Condition of the **CORN** crop on June 9 was reported as 13% excellent, 74% good, and 13% fair. On June 11, the average height of all corn that had emerged was 13 inches, compared to 20 inches last year and the 5-year average (1984-88) of 19 inches. The average height of the most advanced fields was 22 inches, compared to 29 inches last year and the average of 30 inches.

SOYBEAN planting, as of June 11, was about 93% complete, compared to 100% last year and the average of 94%. Condition of the crop that had emerged on June 9 was 11% excellent, 72% good, 15% fair, and 2% poor.

Condition of **WINTER WHEAT** on June 9 was reported as 26% excellent, 66% good, and 8% fair. By June 11, 2% of the wheat crop was ripe compared to 25% last year and the average of 21%. Ninety-two percent of the crop was filled, compared to 100% last year and the average of 90%. Sixty percent of the wheat acreage was turning yellow, compared to 87% last year and the average of 63%.

OAT condition on June 9 was reported as 18% excellent, 59% good, and 23% fair. Forty percent of the acreage was heading on June 11, compared to 66% last year and the average of 64%. Twelve percent of the acreage was filled, compared to 29% last year and the average of 32%. One percent of the oat crop is turning yellow, compared to 4% last year and the average of 3%.

SORGHUM planting on June 11 was 80% complete, compared to 92% last year and the average of 80%. Condition of sorghum on June 9 was reported as 8% excellent, 80% fair, and 12% poor.

Cutting of the first crop of **ALFALFA HAY** was 85% complete, compared to 97% last year and the average of 83%. Condition of the crop on June 9 was reported as 3% excellent, 44% good, 35% fair, 12% poor and 6% very poor.

Cutting of **CLOVER HAY** on June 11 was 65% complete, compared to 81% last year and the average of 67%. Condition of the crop on June 9 was reported to be 2% excellent, 66% good, 24% fair and 8% poor.

PASTURE condition, as of June 9, was rated as 18% excellent, 56% good, 22% fair, and 4% poor.

SOIL MOISTURE, as of June 9, was reported as 29% short, 58% adequate, and 13% surplus.

ILLINOIS DISTRICT SUMMARY

	:	:	:	Days	:	Soil		
District	:	Soybean Acreage	:	Alfalfa %	:	Suitable	:	Moisture Percent
	:	% Planted	:	First Cut	:	For	:	-----
	:		:		:	Fieldwork	:	Short:Adq.:Surplus

	:	As of June 11			:	As of June 9		
Northwest	:	99	:	80	:	5.0	:	60 40 0
Northeast	:	98	:	70	:	4.5	:	20 80 0
West	:	99	:	93	:	6.0	:	65 35 0
Central	:	98	:	85	:	6.0	:	60 40 0
East	:	94	:	75	:	4.5	:	25 60 15
W Southwest	:	99	:	90	:	6.0	:	30 70 0
E Southeast	:	75	:	85	:	4.0	:	0 85 15
Southwest	:	95	:	97	:	6.5	:	0 65 35
Southeast	:	90	:	96	:	2.5	:	0 45 55

State	:	93	:	85	:	5.0	:	29 58 13
5-Year Avg.	:	94	:	83	:		:	

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
May	1.92	2.46	3.19	2.95	4.93	4.63	4.20	3.03	3.44	3.42
Departure	-1.93	-1.01	-0.78	-0.85	1.19	0.58	0.21	-1.19	-1.01	-0.53

MAY WEATHER SUMMARY

Illinois recorded below temperatures and precipitation. Illinois average monthly **TEMPERATURE** was 2 degrees below normal as temperatures ranged from 1 to 4 degrees below normal. The coolest portion of the State was the Central District, while the warmest areas was in the extreme Northwest; below normal temperatures were again recorded during the first half of the month. Minimum temperatures dropped into the twenty's in the North and Central portions of the State. Elizabeth (which is in the Northwest District of the State) again recorded the lowest minimum temperature of 27 degrees above zero on the 7th. By the third week of the month, warm air moved into the State and sent readings into the 70's and 80's. The last week in May ended with highs in the upper 80's and lower 90's. St. Louis (which is adjacent to the West-Southwest District) again recorded the highest maximum temperature of 93 degrees on the 31st. Cooler air pushed into the Northern half of Illinois by the end of the month.

PRECIPITATION averaged below normal in the State (-0.53 of an inch below normal). The Northern two-thirds of the State were once again the driest, along with the Southern Districts. The East, West-Southwest and East-Southeast Districts recorded slightly above normal rainfall. The largest below normal variation was in the Northwest District (-1.93 inches below normal). The largest above normal variation was again in the East District (1.19 inches above normal). The heaviest rain fell during the end of the month. Several stations recorded more than 2 inches of precipitation during a 24-hour period. Danville, in the East District of Illinois, received the largest total amount of precipitation for the month with 7.04 inches. This was due to two separate storms which deluged this area with more than 2 inches of rain from each storm.

The outlook for the remainder of June is for temperatures and precipitation to be near normal.

Severe storms producing up to 2 inch diameter hail and very strong winds occurred on the 25th (mainly in the South). Scattered wind damage was reported. The largest size hail (2.75 inches) was reported near Vandalia at 2:30 p.m. On the 31st, wind damage occurred in the Northwest part of Illinois.

WEATHER

DRY WEATHER DOMINATED THE WEEK. RAIN WAS PRIMARILY CONFINED TO SUNDAY NIGHT WITH THE APPROACH OF A WARM FRONT. WEEKLY RAIN TOTALS WERE UNDER .50 INCH IN MANY PLACES ALTHOUGH THUNDERSTORMS DID BRING UP TO AN INCH OR MORE TO SOME AREAS.

THE WEEK AVERAGED BELOW NORMAL TEMPERATURES IN MOST PLACES, WITH THE AREAS IN THE SOUTH BEING AS MUCH AS 4 TO 6 DEGREES BELOW NORMAL. HIGHS AVERAGED MOSTLY IN THE MID AND UPPER 70'S WHILE OVERNIGHT LOWS GENERALLY AVERAGED IN THE MID 50'S.

FOUR-INCH BARE SOIL TEMPERATURES GENERALLY AVERAGED IN THE UPPER 70'S TO LOWER 80'S FOR MAXIMUMS AND THE MID TO UPPER 60'S FOR MINIMUMS.

RAIN EARLY IN THE WEEK IS FORECAST TO DIMINISH. A CHANCE OF SHOWERS COULD PERSIST WEDNESDAY BUT DRY WEATHER IS EXPECTED THURSDAY AND FRIDAY. HIGHS IN THE 60'S TO LOWER 70'S WEDNESDAY WILL BE 75 TO 80 BY FRIDAY. LOWS WILL BE MOSTLY IN THE 50'S.

Week ending 8 A.M. Monday, June 12, 1989

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi- mum	Mini- mum	Depar- ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	76	51	-3	0.90	4.22	-1.57	103	516	-32
ROCKFORD	77	56	0	0.64	4.72	-0.89	124	579	55
CHICAGO	77	57	0	0.26	3.01	-1.81	127	567	54
CHI BOTANICAL	75	55	-3	0.25	4.55	-0.32	112	480	-79
ELWOOD	78	55	0	0.32	6.04	0.61	122	578	47
WATSEKA	78	56	-2	0.35	5.29	-0.60	124	570	-29
PERU	79	58	0	0.32	3.49	-2.02	136	603	-19
MOLINE	77	56	-2	1.46	6.08	0.17	123	599	7
PEORIA	79	57	-1	0.12	2.60	-2.80	131	619	17
KILBOURNE	78	56	-3	0.20	3.42	-2.51	128	619	-54
MONMOUTH	76	56	-3	2.28	6.71	1.30	116	572	-58
QUINCY	77	57	-3	0.46	3.45	-2.53	126	647	-4
PERRY	77	55	-4	0.35	5.87	0.24	121	607	-84
SPRINGFIELD	77	58	-3	0.02	4.51	-0.36	129	621	-55
URBANA	80	58	0	0.09	5.00	-0.15	139	625	-13
WINDSOR	79	58	-2	0.20	6.10	0.41	135	625	-59
TERRE HAUTE	78	56	-3	0.20	4.59	-0.86	125	596	-38
ST LOUIS	80	64	NA	0.16	4.24	NA	159	770	NA
BELLEVILLE	80	56	-4	0.20	6.36	0.88	131	666	-69
BROWNSTOWN	78	55	-4	0.12	6.72	0.63	121	620	-79
IUKA	78	53	-6	0.00	4.07	-1.49	115	625	-107
LAWRENCEVILLE	79	55	NA	0.26	5.72	NA	125	626	NA
VINCENNES	79	56	-3	0.11	5.14	-0.69	128	639	-59
DIXON SPRINGS	78	56	-6	0.50	2.53	-3.72	126	742	-78
PADUCAH	79	59	-4	0.93	4.42	-1.85	140	778	-40
OLIVE BRANCH	78	55	-6	0.59	2.58	-3.71	104	694	-62
CARBONDALE	79	54	-6	1.91	5.75	-0.17	120	676	-91
C GIRARDEAU	79	61	NA	2.50	5.03	NA	145	792	NA

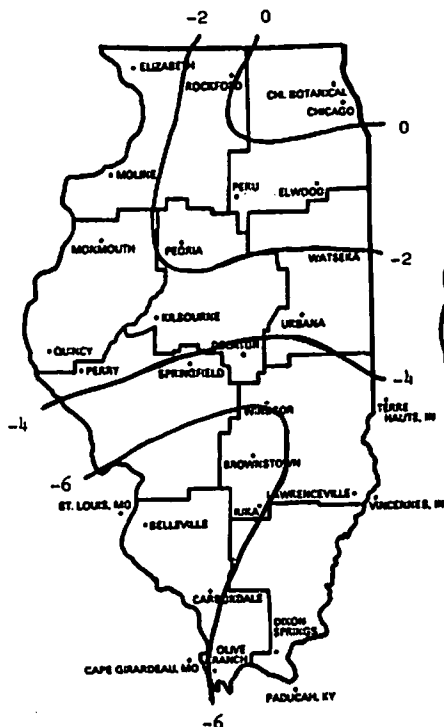
Information above provided by Midwest Agricultural Weather Service Center
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NEWSPAPER TIME VALUE

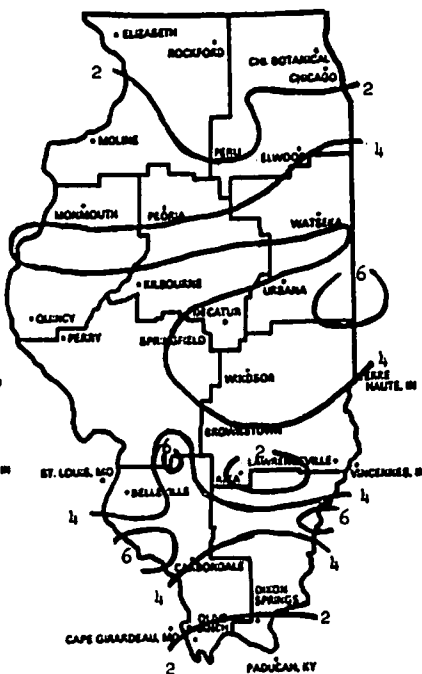
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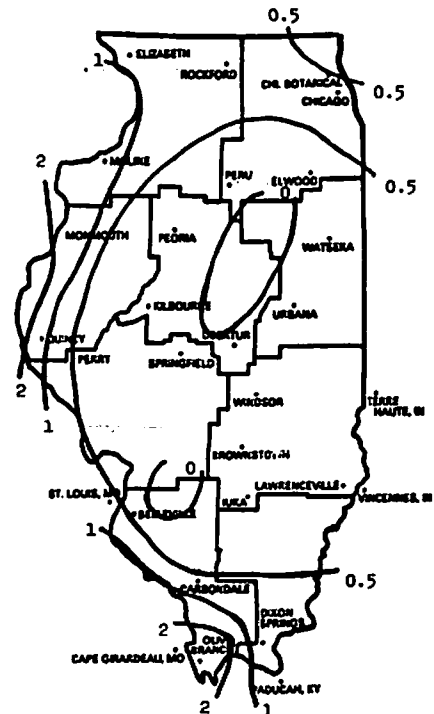
Weather maps provided by Illinois State Water Survey
Champaign, Illinois 61820



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JUNE 6-12, 1989



PRECIPITATION (INCHES)
MAY 1989



PRECIPITATION (INCHES)
JUNE 6-12, 1989

CROP INFORMATION in this report is provided voluntarily by
county officials of Extension Service and SCS, and agribusiness managers.